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TI Study on particle size distribution and chemical activity of mechanical  
activated fly ash  
AU Xu, Lingling; Yang, Nanru; Zhong, Baiqian  
CS School of Materials Science + Engineering, Nanjing University of  
Technology, Nanjing, 210009, Peop. Rep. China  
SO Guisuanyan Tongbao (2003), 22(2), 73-76  
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PB Guisuanyan Tongbao Bianjibu  
DT Journal  
LA Chinese  
CC 58-1 (Cement, Concrete, and Related Building Materials)  
AB The particle size distribution and mineral composition of mech. activated fly  
ash were studied. The activating method was effective to improve the  
chemical activity of fly ash. The suitable sp. surface area of activated fly  
ash was 650-750 m<sup>2</sup> kg<sup>-1</sup>. The activated fly ash with  
particle size of 2-10 µm had best results in strength  
of fly ash-cement pastes.  
ST fly ash mech activating particle  
size distribution cement  
IT Ashes (residues)  
(fly; study on particle size distribution and chemical activity of mech.  
activated fly ash)  
IT Cement

→ teach it is old in the art to use  
fine particle size fly ash w cement  
to increase strength